



Revision number:

Purchasing Agent: JARED GARDNER

Item: FRONT END LOADERS 3.5 CU. YD. CLASS

Vendor: 40994F A KOMATSU EQUIPMENT COMPANY
2350 West 1500 South
Salt Lake City, Utah 84104

Internet Homepage: KOMATSUEQ.COM

Telephone: (801) 972-3660

Fax number: (801) 075-1354

Contact: DOUG TRIPP

Email address: DOUGT@KOMATSUEQ.COM

Brand/trade name: KOMATSU

Price: SEE ATTACHED

Terms: NET 30

Effective dates: 8/1/2002 through 8/1/2004

Days required for delivery: 120 DAYS

Price guarantee period: 1 YEAR

Minimum order: TWO

Min shipment without charges: F.O.B. DESTINATION, FREIGHT PREPAID

Other conditions: ONE (1) YEAR RENEWAL OPTION

THIS IS A NEW CONTRACT

This contract covers only those items listed in the price schedule. It is the responsibility of the agency to ensure that other items purchased are invoiced separately. State agencies will place orders directly with the vendor (creating a PG in Finet) and make payments for the same on a PV referencing the original PG. Agencies will return to the vendor any invoice, which reflects incorrect pricing.

This Contract resulted from bid DG2181

**1. NEW FRONT END LOADER 3.5 CU. YD. CLASS. KOMATSU WA-320-3
DELIVERED. \$100,865.00/EA.****SPECIFICATIONS:**

The Loader is to be a new unit of current model. The equipment is to meet the following minimum specifications but are not limited as to features furnished by the manufacturer. The equipment is to have all standard features. The equipment is to be delivered assembled, serviced, tested and ready to operate. All fluids are to be at operating levels and unit to have a minimum of 10 gal of fuel. Equipment furnished to the State of Utah must meet current state and federal safety regulations.

WARRANTY

Bid to state terms of warranty. All warranty periods shall start after equipment has been put into service. Basic warranty shall include acceptance of all U.D.O.T. shops as approved, to perform "In-house" warranty repairs, in said shops. The warranty shall include parts and labor reimbursement. Any special warranty to include price and description of optional extended warranties available.

Items Covered: Full Machine***Duration: (1) One year/ 1,500 HR*****Extended Warranties available:**

- | | | |
|----|---------------------------------|---------------------|
| 1- | (3) Three Year/ 5,000 HR | @ \$1,775.00 |
| 2- | Extended Power Train | @ \$1,183.00 |

DETAIL SPECIFICATIONS:

Engine The engine shall be a four cycle, turbocharged, direct injection, water cooled diesel with a minimum SAE net horsepower of 162 H.P. The engine shall be fully equipped with a 24 volt electrical system, 50 amp alternator, dual batteries, hand throttle and foot accelerator/decelerator pedal. The engine cold weather starting aid shall be electric intake manifold pre-heater.

Engine Accessories Dual element, dry type air cleaner with reset type restriction gauge in cab.
Engine make/model: Komatsu S6D 114E-1
Net horsepower 162 @ RPM 2380
Cooling system shall be protected with Ethylene glycol to - 40° F.

Transmission Torque converter with power shift 4 speeds forward and 3 speeds reverse Minimum.
Travel speed 0 - 20 minimum.
Single lever shift control or speed and directional change levers..
To have Ride Control.

Axles: Planetary reduction axles with high traction differentials.



- Rear axle oscillation 24E minimum.
- Brakes:** Service brakes to be wet disk, 4 wheel power system.
Park and emergency brake to be hand lever, or electric over hydraulic applied, disc or drum return.
- Tires:** To have 20.5/R25 XTLAT 1-Star (L2) Michelin radial tires.
- Steering:** Center-pivot articulated frame steering. Full-hydraulic power assisted steering independent of engine rpms.
Steering angle 40E minimum each way with 2 steering cylinders.
- Bucket:** General purpose bucket, 3-1/2 cu. yd. (minimum) heaped SAE capacity, 108" outside width approximately with reversible cutting edge, having a bolt pattern to accommodate 1 inch plow bolts (Grade 8) on 6" centers in a single row. Holes to begin 3" from outer edge of loader bucket. Cutting edge to be 1" X 10" minimum manufactured from steel designed for maximum wear. Heat treated preferred.
- Bucket Control Performance:** Single or dual lever control, automatic leveling and hoist kick-out.
45E Dump height - 112" minimum.
Breakout force - 27,500 lb. minimum.
Tipping load straight - 27,000 lb. minimum.
Tipping load - 40E turn - 24,000 lb. minimum.
Operating weight with general purpose bucket - 31,000 lb. minimum.
- Confirm Performance:** *Dump height (45E tip) 112"*
Tip load straight 27,695 lb.
Tip load 24,055 lb. at (angle) 40 degree
Operating weight 31,200 lb.
- Cab:** To have full enclosed factory installed R.O.P.S. cab.
To have heater, defroster, exhaust/fresh air fan and wipers/washers front and rear.
To have an Air Suspension cloth seat with seat belts and arm rests.
To have both outside and inside rear view mirrors.
To have a sun visor.
To have an AM/FM cassette player.
To have electrically headed rear window.
- Instruments:** Engine coolant, fuel gauge, alternator, voltage, torque converter oil



temperature, and hour meter.

Warning: Low coolant level, air restriction gauge hydraulic, horn, and backup alarm, park brake warning, low brake pressure and transmission disconnect.

Lights: To have front and rear work lights.
To have stop, tail and turn lights.
To have flashing lights.
To have amber mini light bar mounted on cab with 2 rotating elements approximate length of 20". To be Target Tech Model # HLC-A P/N 450112-02.
To have dome and map lights.

Fenders: To have front and rear fenders.

Paint: Unit to be painted manufacturer's standard color. Manufacturer's emblem and model designation allowed but not to exceed 4" high. All other advertising to be omitted.

<u>OPTION :</u>	1000 watt block heater.	@ \$650.00
<u>OPTION:</u>	Electrically headed rear window.	@ STANDARD
<u>OPTION:</u>	Larger alternator.	@ \$284.00
<u>OPTION:</u>	Hydraulic kick down switch on boom lever	@STANDARD
<u>OPTION:</u>	Coupler system, for bucket and tool changes. To include 6,000 LBS construction forks to include (2) two coupler blanks. <i>Make/Model: NIPPON / DENSO 6WD21-J</i>	@ \$12,564.00
<u>OPTION:</u>	Cab Air Conditioning.	@ \$1,485.00
<u>OPTION:</u>	Sliding forks attachment for bucket installed 6,000 lbs. minimum lifting capacity.	@ \$1,650.00
<u>OPTION:</u>	Vandalism Kit.	@ STANDARD
<u>OPTION:</u>	No spin front axle. Limited Slip	@ \$2,735.00

Minimum standard discount for additional options per manufacturer at a 23%.Discount.



Delivery: Delivery of unit is to be within 120 days of receipt of order.
Delivery date will be considered in evaluating bids.
Delivery must include one complete set of replacement filters for each unit delivered.

Delivery must include the following:

- dealer's invoice
 - a copy of warranty
 - operator's manual and parts list for each unit
 - 3 complete sets of manuals including: parts list, repair manual, operator's manual for each unit. Cost of these manuals is to be included in price.
- Invoices will not be approved for payment until all documentation and manuals have been received.

REPORTS: The contractor will submit yearly reports to the state purchasing agent showing quantities and dollar volume of purchases by each state agency and political subdivision. These reports will be due by May 1st of each year.

FINET COMMODITY CODE(S) (for agency use only)
76047000000- LOADERS, FRONT END (For Trucks)